

RELAY OPPONENTS FOR PROUT GAMES ARE DESIGNATED

**Mile Team to Meet Dartmouth
College in the Open
Relay Event**

MEET N. Y. U. IN NEW YORK

**Boston College, Holy Cross and
Harvard Will Oppose
Two-Mile Team**

Three men have already been picked for the one-mile relay team that will oppose Dartmouth at the William Prout Memorial games next Saturday night in the Boston Garden. The remaining vacancy will be filled from among the four men left in the competition by elimination trials this week. In the Varsity two-mile, the competition for places on the team has narrowed down to six men, while the freshman competition has six men left in the field.

Stiff Opposition in Two-Mile

Boston College, Holy Cross, and Harvard will oppose the Engineer two-mile team in the Garden race on Saturday. Of these three, the two first-named teams took part in the relay carnival held in Brooklyn, last Saturday night. In the race in which these two colleges were entered, the contestants were New York University, Holy Cross, Boston College, and Georgetown. The runners from the colleges finished in the order named, the N. Y. U. team flashing across the line in the exceptionally fast time of 3 minutes, 24 seconds.

Phil Edwards Fast

Phil Edwards, of N. Y. U., did his quarter in the race in the fast time of 49 3/5 seconds to aid his team in victory. Of the four colleges named, the Engineers will meet the first three during the season—N. Y. U. at the Millrose games in New York city on February 8 and Holy Cross and B. U. at the Garden next Saturday evening.

Positions gained by the Engineer entries in the Prout games will determine the entries picked for the B. A. A. games in Boston on February 15. In this meet each college is allowed only two entries. Phil Benjamin, who will rejoin the team with the start of the spring term is progressing favorably in his daily workouts at the track jumping pit. He will compete in the Prout Memorial games unattached.

Harvard and Yale will run a special relay race in the B. A. A. games thus breaking up the annual race between Technology and Harvard at these games. This puts a break in an annual competition that has continued for the past seven years.

VARSITY WRESTLING MEET IS POSTPONED

Manager Northrop of the wrestling team announced last night that the meet with Norwich which was scheduled to take place in the Hangar this evening probably will be postponed. This action seemed advisable, due to the fact that two or three of the men will be unable to participate.

The next contest on the schedule for the Varsity grapplers is the meet with Brooklyn Polytech, which will be held during the vacation on February 1. During the month of February the team is listed to meet C. C. N. Y., Columbia, Northwestern, Chicago U., and Springfield College.

TECHNIQUE SIGNUPS BEGIN FEBRUARY 10

**Sports Writups in 1930 Year-
book are Up-to-Date**

Beginning Registration Day, Monday February 10, Technique will offer signups to the student body. A sign-up consists of a deposit of one dollar as a promise to purchase the yearbook when it makes its appearance. The signups represent a saving, as the men who make them to obtain their Technique will pay a dollar less than men who do not.

Among the new features embodied in the 1930 Technique will be the bringing of the sports writups up to date. Previously these writups have been for the year preceding, but the 1930 volume will contain notices of 1930 teams.

In Memoriam

In memory of those of us—unlucky or otherwise, as you will—who are soon to emerge from the Technology atmosphere into a more brawn—than less brain-fagging world, we weep. Oh, how we weep! Whether absence from the limestone sweatshop be self-induced or faculty-empelled, weeping is our privilege and we're sticking to it (sob); for exam time is approaching and the heavy handed headman hacks horribly.

To those of you who survive the ordeal we extend congratulations, premature though they may be; and to all of you we, the retiring Managing Board of THE TECH, extend out adieu and the assurance that the start of the next term and that of the next Volume will be as encouraging as they are simultaneous.

PLAN BASKETBALL DANCE NEXT MONTH

**Party in Walker Follows Game
With Brooklyn Polytech
On February 28**

Dancing in the Main Hall of Walker Memorial will follow the Basketball game scheduled with the Brooklyn Polytechnic Institute team on February 28 according to the announcement of tentative plans made by Richard H. Yates '31, Manager of Basketball. Little is definite about the party except the date, but it was stated that it would probably be very similar in character to the dance which was run after the Norwich game on the tenth of this month. Run purely as an experiment to try to increase the attendance at the games, the past affair was a huge success, and drew an attendance of over 350 couples. Music was furnished by the Harvardians.

Due to the popularity of the dance, there have been fears aroused among the student body that admission prices will be raised as usual. However, according to Manager Yates' present plans, these fears are entirely unfounded.

Walker Library To Be Furnished With Catalogue

**New Indexing System Calcu-
lated to Facilitate Finding
Of the Books**

At the instigation of President Stratton the staff of the Central Library is compiling a catalogue of the books in the reading rooms of Walker Memorial. Since no inventory of the volumes in the Walker Library has been taken since it was organized ten years ago, it is the President's wish that such action be taken now, and that a directory be compiled in a form available to the student body. The staff has been several months at work on this inventory, and it is intended to have the material ready for publication before the end of next term. The completed catalogue will be a pocket size edition, and will index all volumes on the shelves of this library.

At present all the books are arranged according to subject matter and there is a system of indexing maintained. However, in the absence of the librarian it is sometimes quite difficult to find the desired volume. It is the belief of those conducting the reorganization that the new index system coupled with a catalogue will to a great extent overcome this inconvenience.

Bequest Increases Collection

The library in Walker Memorial is made possible by the Cilley Bequest, a trust fund of \$70,000, the income of which is to be used in purchasing books, casts, and objects of art. This provides sufficient funds annually to increase the collection by between eight hundred and a thousand volumes.

At the present time the Walker Library consists of from eight to nine thousand volumes, most of which are in the two reading rooms. About a thousand books are held in Room 2-240, the library of the English Department.

A. E. S. RECORDS TELL OF GLIDER MEET IN FRANCE

**Prizes Were Won in Successful
Competitions With Tufts
And Harvard**

NOW MAKING NINTH SHIP

Following in the footsteps of the pioneers who founded the Aeronautical Engineering Society and flew its first gliders, the present members are still engaged in building and flying a Technology glider.

Way back in 1910 when the Institute was "Tech on Boylston St.," students built and flew a glider and did it so well that they won a trophy offered by Mr. Sylvester of the Boston and Maine Railroad in a competition with Harvard. Tufts and a private entry from the Boston Y. M. C. A.

Compete With Harvard

Later in 1910 Technology and Harvard met informally at Squantum. There was built one of the few devices of its kind in the world, a glider launching incline. This incline, with the high end thirty feet above the ground, had tracks on which ran a large platform with wheels to carry a glider. It is said that Edward P. Warner used to ride his bicycle up and down the ramp but unfortunately it was never used for its intended purpose.

In 1923 Prof. Warner, E. T. Allen and Otto C. Koppen took two Tech gliders abroad for competition in France and Germany. During the international meet at Clermont, Ferrand, the Tech glider under the expert guidance of Allen, held first place until injured by a collision with spectators while taking off. The three Tech men worked hard and re-built this glider but the judges ruled that it was a new entrant and cancelled the previous records. However, we finished fifth and won a plaque of honor.

At present the A. E. S. is working on what is called Glider No. 9. This is known as a training type glider, weighing nearly 250 lbs. with a wing area of approximately 220 sq. ft. The members of the Society will have the glider ready for its first flights of the 1929-30 year before the Spring Recess when they plan to take it down to the Cape, possibly to its former testing grounds at Wellfleet.

Builds Primary Type

The Society is confining itself mainly to this primary type glider, partly because of limited funds and partly because of the fact that just about the time a man becomes skillful enough to pilot a more advanced type ship he graduates or otherwise leaves the Institute.

If the gliding this year warrants it, the A. E. S. plans to start work on an advanced type glider or sail-plane next year.

Concentrated work on the reconstruction of the glider has practically ceased until after exam week, and all would-be or prospective glider pilots are requested to attend the first smoker which will be held early in February in order that they may inform themselves on the progress of the glider. The managing board of the Society wants it understood that those who wish to fly the glider will have to help in the rebuilding.

The money available for glider construction has been materially increased by a check from J. C. Reddig '29 who is now with Leaning.

The society, in addition to preliminary work on the glider has held several informal smokers. Among their speakers have been Capt. Stromme, U. S. Army Air Corps, and Lieutenants Townner, Schroeter, and Harris, all Air Corps Reserve Officers.

"Keep Eyes on Ground" Is Advice of Widely Known Scientist to Aspiring Research Worker

**Dr. Willis R. Whitney Has Con-
tributed Many Inventions
To Progress**

Dr. Willis R. Whitney '90, director of the Research Laboratory and a vice-president of the General Electric Company at Schenectady, is widely known for his contributions to science. Among his achievements are the development of incandescent and arc lighting, the invention of the "talking book," and a study of the effects of Hertzian waves of very low wave-

SENIOR ENDOWMENT INSURANCE POLICY PLANS ANNOUNCED

**Was Recently Elected
General Manager T. E. N.**



RICHARD R. KROPF '31

The Lounger

The story on the missing page, the Lounger wishes to explain, is easy of explanation; Otis is now in the act of repapering his room and hit upon an aesthetic and economical solution. "The public be damned," said Otis in his frugal zeal, and now "Phosphorus be damned," howl the indignant frosh.

Word comes to the Lounger that Papa Hayward strode from his birdcage recently and placed a horizontal component under one of his rollers. Tut-tut, the laws of mechanics are not so easily upset. Papa; let us have no new theories until finals are over.

It is rumored that some unsophisticated idiot stole a set of exam papers from Drisko's bulletin board. What a fool this mortal is: though he study and ponder his loot from now 'til then 'twill do no good; next term he'll be further up the w. k. creek. They say Drisko never forgets.

More power to Ray Underwood, says the Lounger. What, you haven't heard? Two disgruntled baggers stuffed the problem box with Prof. Men's calling cards; the Lounger hopes the situation is cleared up shortly.

Out from under the bushel shines forth Hudson's light at last. Holding forth upon the lethal qualities of "electricity," he recounted to his eager students his experiences as chief electro-tionitioner for the S. P. C. A. Up-to-date methods, as introduced by the professor have resulted in the astounding output (or put-out) of two-hundred cats per hour. His saving grace appeared later; when the bell refused to ring for end of the hour, he very kindly explained the lurking dangers of pulling the chain while standing in the bathtub (ahem, that is, the electric light chain). To Prof. Hudson, the Lounger's heartfelt thanks. Insidious, this "electricity."

Discovered: a new method of weigh-
(Continued on Page 4)

'STRAIGHT-LIFE' TYPE CHOSEN AS BEST AVAILABLE

**Committee Accepts Proposal of
The Northwestern Life
Insurance Co.**

LOW FIRST COST — \$9.75

With hopes of accumulating for the Institute a Class gift of \$75,000, the Senior Endowment Insurance Committee has chosen the plan of the Northwestern Mutual Life Insurance Company. Their decision has been made two months earlier than that of any preceding class, and the committee hopes that this fact will increase the popularity of their plan.

On Friday February 28th there will be a meeting of the Senior Class, at which time Frederick Bernard '17 will explain the details of the plan to the class. Mr. Bernard is special agent of the company.

The plan accepted by the committee is for a "straight-life" policy of \$1000 to be taken out by each member of the Senior Class, and is purchasable with an initial payment of \$9.75. It is pointed out by the Committee that it is likely that the graduates will want to take out insurance at this time anyway, and that participation in the plan will bring them the ordinary benefits of insurance together with the benefits accruing to the Institute.

Institute Receives \$208 Per Man

The plan provides that on the twenty-fifth anniversary of the class there will be a total of \$208.00 paid to the Institute per man. The assignment gives the Institute an interest of \$100 in the event of death, and further directs that dividends payable on each anniversary date of the policy be paid to the Institute. These dividends are invested by the Institute to accumulate at interest until such time as the accumulated dividend fund would approximate \$100, at which time the assignment is discharged.

The total gift of each member to Technology is \$98, accruing from withheld dividends. Each graduate will have fulfilled his obligations in that respect at the end of ten years. During the first ten years, then the policyholder is charged the gross premium, \$19.18. Beginning with the eleventh year, however, the net premium is only \$11.07, and from that time on the net premium will be consistently reduced.

Various Options Offered

Anticipating the demand for options in type of insurance, the Committee states that the plan may be had under various terms. While the policy is the so-called "straight-life," either an endowment policy, or a paid-up life may be had. The endowment policy requires that the purchaser pay gross premiums for thirty-seven years, at which time the cash value of his policy is \$1000. Under the other option, the graduate will have a paid up life policy at the end of twenty-seven years.

Frosh! Have You Any P.T. Cuts to Make Up

Frosh! have you made up those P.T. cuts? The last opportunity to end the term with a clear record in P.T. will be at 11 o'clock this morning when the final class will be held. All freshmen who have not made up all cuts by that time will receive a failing grade in the course. Freshmen who wish to substitute some sport for regular P.T. next term must sign up in H. P. McCarthy's office before noon today. Only those who have a clear record this term need apply. P.T. will be held for ten weeks next term and will start immediately after school opens.

A Record of
Continuous
News Service
For 48 Years



Official News
Organ of the
Undergraduates
of M. I. T.

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Adios: Houston, Howard, Connable and Smith

"AU VOIR"

TODAY we sit down to the loyal typewriter for the last time, and cogitate more even than usual. To express ideas well is hard enough in any event, but to speak for the retiring Managing Board of Volume XLIX is particularly so. To give the reactions to four years full of varied experiences is no small task.

Along with the elation at release from responsibility there is a feeling of sincere regret. To the Senior who looks back over his years at Technology, his work on the activities is what stands out. It is through them that he has made most of his friends, both among the undergraduates and the faculty. It is in them that he has found outlet for what initiative and creative genius he may have. Very likely contacts made while doing his extra-curricular work will lead to a position when he leaves the Institute.

We on THE TECH appreciate to the fullest extent all these advantages. We have enjoyed our work, and will probably pester the new men with senile ideas. As MacGregor Jenkins, the editor of "The Atlantic Monthly" told us Saturday evening, "When once printers' ink gets into your blood, it is there to stay." And of course THE TECH agrees with "The Atlantic Monthly".

Frankly, we are proud of this last Volume. Forty-eight boards have no doubt made that statement, and with reasons of their own. Ours are these: primarily, we have done our best to aid in the "Use Walker" campaign. Throughout last spring and this fall THE TECH has recorded the various steps in the program, and has urged the students to greater enthusiasm. At present, with a student committee at work on the possibilities of changes, there is high hope for an adequate Walker Memorial. This problem and others we have presented to Technology graduates in the "Alumni Issue", which carried the important events of the past two years. We have watched the rise of Technology in athletics, and have chronicled the successes of the T. C. A. In carrying out the policy "First with the Latest", we have changed the time of publication from morning until noon, with great benefit to all concerned.

With the knowledge that the paper is in good hands, we retire, with regret, pride and joy. The best of luck for 1930!

MUTUAL BENEFITS

CARRYING out a sincere attempt to assure the success of its plan, this year's Senior Endowment Insurance Committee is announcing its choice of an insurance policy before the mid-term examinations. After careful consideration of the merits of the various propositions submitted by all insurance companies operating in Massachusetts, the committee has decided to accept that of the Northwestern Mutual Life Insurance Company of Milwaukee.

The group feels that it has wisely solved a weighty problem, and the Class of 1930 will no doubt agree. There are several matters of prime importance in choosing a plan which will give mutual benefits to the men and the Institute. First of all is the necessity for general acceptance. This implies a low premium and varied options as to type of insurance. It is likewise important that the company will make every effort to sell the idea to the Seniors, and to keep the policy in force during the twenty-five years. Furthermore, it is a help if the salesman and his methods appeal to the members of the class.

The selected plan admirably fills all these qualifications. The thousand dollar straight life policy has a lower premium than any other kind of insurance. In fact, it is as low as that for group insurance, such as the Institute carries for its staff. The Northwestern's plan affords several options: the policy may be continued as a "whole-life" policy; it may be matured as a paid up life policy at the end of twenty-seven years; or it may be matured as an endowment policy after twenty-seven years. As for the company's representative, he is Frederick Bernard '17, a man actively interested in Technology affairs and one who is able to appreciate the student's point of view.

At a cost of less than a hundred dollars per man in dividends withheld during the first ten years, the plan will bring to the Institute \$208 from each policy-holder on the class' twenty-fifth reunion. During all this time the men are receiving the benefits of a \$1000 policy. It is an opportunity none can afford to miss.

The examination plan for finals on the University of Danver campus will undergo changes this year. Examinations formerly lasting three hours will now be only two, and the examination period is to be shortened from seven to four days.

A plan which calls for a series of weekly visits to different fraternity houses by faculty members for the purpose of coming in contact with undergraduates, has been approved by a large number of fraternities at the University of Michigan.

Markdown Sale

Young Men's SUITS and OVERCOATS

Were \$55—Now \$47

Were 50—Now 43

Were 45—Now 39

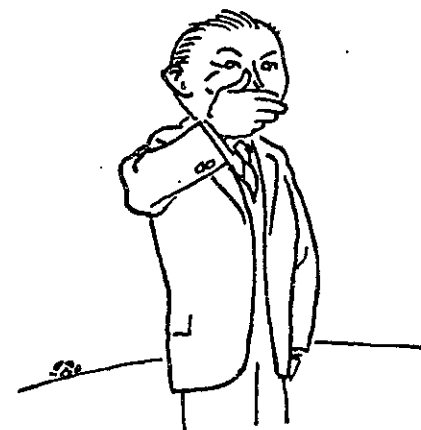
All made in Our Own Workrooms—in a variety of fine patterns. Sizes 35 to 40.

High Pile Ulsters—Were \$95—Now \$69

Young Men's Department—2nd Floor

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LIMITED

336 to 340 Washington Street, Boston



We don't like to say too much in praise of our young men's clothing; sounds prejudiced!

Yet, on the other hand, it is hand-tailored of all-wool fabrics;

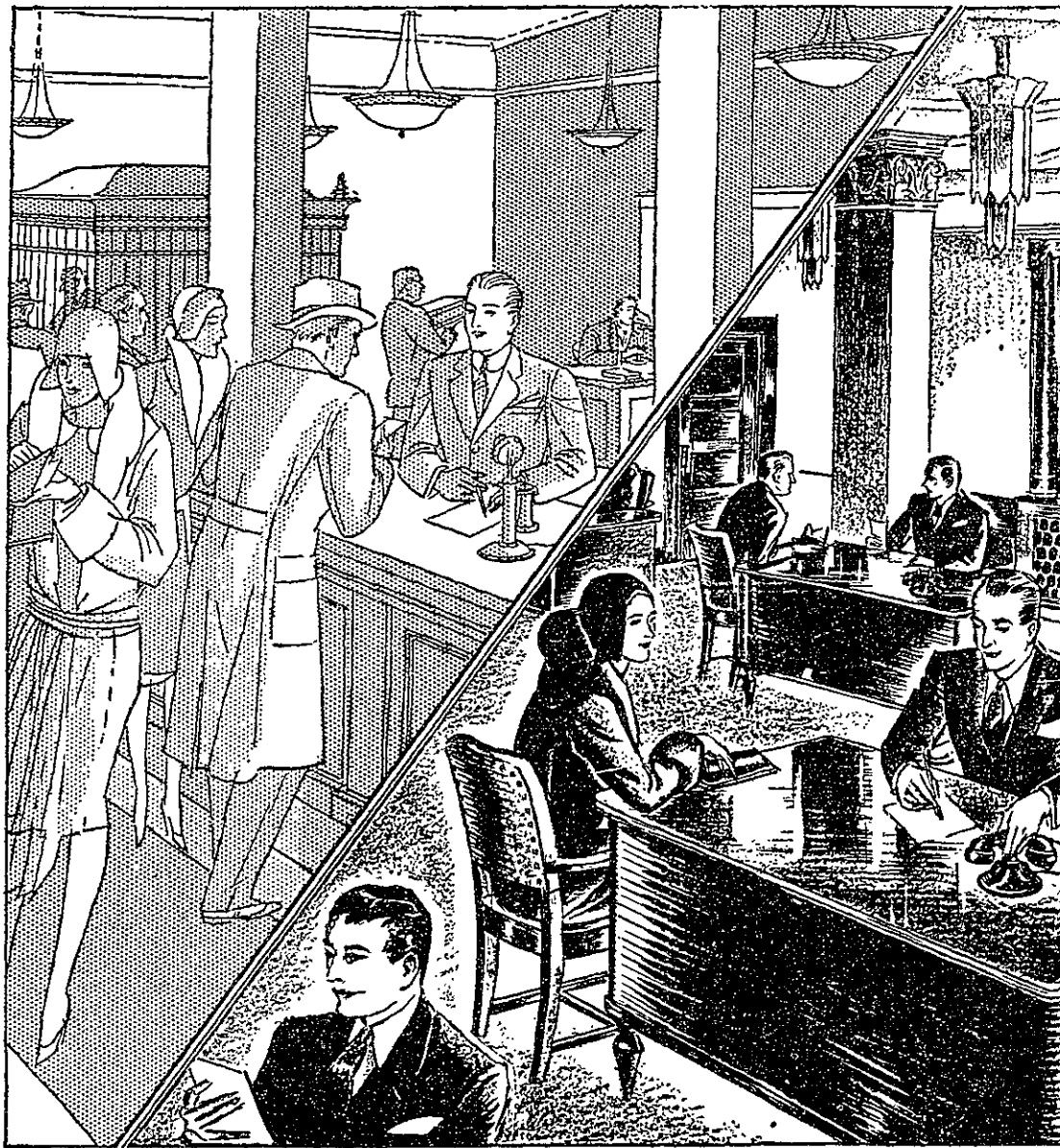
It is styled with meticulous care in the prevailing mood, and—

It is reasonably priced.

But we won't mention all that; just invite you to drop in and see for yourself!

ROGERS PEET COMPANY

formerly
Macular Parker Company
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Removing mental barriers

In the Bell Telephone System men are constantly studying new ways to make the customer's dealings with the company easy and pleasant. The new "counterless" idea, now being introduced in the telephone company's business offices, is a case in point.

Here the customer is placed at once on a friendly personal basis with the company

representative. He is invited to sit down comfortably and discuss his business. Certainly more satisfactory than standing at a counter.

This single instance represents a point of view which telephone men think is important. Telephone service calls for engineering skill and more—it needs human understanding.

BELL SYSTEM

A nation-wide system of inter-connecting telephones



"OUR PIONEERING WORK HAS JUST BEGUN"

Head of G. E. Research Laboratories Offers Advice to The Inquiring Research Worker

Dr. Willis R. Whitney Has Contributed Many Inventions To Progress

(Continued from Page 1)

vices to increase the safety of navigation below the surface of the ocean. With two ships available for the tests for the raising of disabled submarines, the submarine S-4 was dropped to the bed of the ocean in December 1928, one year from the date of its sinking off Cape Cod. "Pad eyes" and a number of other new devices were fastened to its sides in an effort to determine a means of quickly attaching cables or pontoons to similar disabled craft in rescue operations.

Since the foundation of the research laboratory at Schenectady extensive experiments have been carried on in radio telegraphy and telephony and on the behavior of waves of the very high frequencies. Under the direction of Dr. Whitney a vacuum tube was constructed by the General Electric Company and made to deliver 15 kilowatts of power at a wavelength of six meters. During the operation of the set some interesting phenomena were discovered.

Cold Bar Blisters Hand

A copper bar lying on the floor blisters the hand that picks it up even though the metal is cold, an incandescent lamp of neon tube lights brilliantly when touched by someone near the apparatus, and electric meters are made to read even though there is no direct connection to the device. Men standing near transmitter have noticed a warming effect and then an increasing pain in limbs and joints. Medical observations made on men stationed near a radiating antenna showed that the blood temperature rose to nearly 100 degrees in about 15 minutes.

Dr. Whitney, in commenting upon the value of the machine to therapeutics said, "No one can safely predict or promise a utility for such new things, but it is clear that further experiments must be carried out. It may be assumed that if we had a perfectly harmless method for warming the blood it might have value, because fevers are sometimes artificially produced in order to start convalescence." Eggs, sausages and cookies were cooked successfully in a glass tube hung at one end of a short wire strung parallel to the radiating antenna.

Invented "Talking Book"

Dr. Whitney's versatility is well illustrated by his invention of the "talking book" which is still in the laboratory stage. Designed to banish eye strain and to increase the speed of the reader the device employs a film containing several transmitting tracks and set in an instrument which looks like a camera. A detecting device picks up the vibrations from the film and conveys them through an amplifier to a loudspeaker. The strip unwinds in about 15 minutes, whereupon the strip automatically reverses and continues to provide entertainment for about two hours with a speed of reading considerably greater than that of the visual form.

Born in Jamestown, New York. Dr. Whitney received his early education in the local schools of that city. After graduating from the Institute in the course in chemistry he was appointed to the instructing staff. Except for two years of study in Paris and at the University of Leipzig where he received his doctor's degree, he has been continuously connected with the Institute until he resigned to become director of the Schenectady laboratory. It was here that he engaged in many electro-chemical and technical electrical problems, including the development of incandescent and arc lighting. Here also he perfected a submarine detector which was used during the latter part of the war at the Nahant Station of the United States Navy.

Receives Medal for Research

In recognition of his many contributions to science Dr. Whitney was presented with the Perlin Medal by the American Section of the Society of Chemical Industry. In his address of acceptance he said that one of the most significant steps in chemistry had been the doubling of the number of available medals thus allowing for the development of many alloys. He stated that "One of the biggest things in chemistry lies in agriculture. It is admitted that we need more and better fertilizers.—We want synthetic ammonia and we get it because, during the war we were forced to adopt production methods derived from foreign chemical research.

Dr. Whitney was awarded the Willard Gibbs Medal by the Chicago section of the American Chemical Society. He is now a director of this society of which he was president in 1909, and was appointed by it to organize the National Institute of Chemistry. He served as president of the American Electro-chemical Society in 1912 and is a member of the Society for Testing Materials, the American Institute of Mining Engineers, the American Academy of Arts and Sciences and other scientific or-

ganizations. He is a non-resident Professor of Chemical Research at the Institute and until recently was a member of the Corporation.

Says "Keep Eyes on Ground"

In an Aldred Lecture given at the Institute some years ago. Dr. Whitney commented upon the unique position which the man engaged in research holds in the world. He said that "The ideal research man is an inquisitive child of nature, a naturalist. He uses ignorance and unknown stuff to find non-existent human wishes. The engineer is using a finite number of tested laws and substances. All history may be his inventory, but if he flies he must keep both eyes on the ground. The researcher with an infinite actual stock, sees an unlimited, interesting unexplored territory. He wants to test new laws, produce new materials and find and satisfy previously unexpected human wants. If you read the lives of men like Pasteur, Faraday, Darwin, Watt, Kelvin, Edison and Einstein you will see that to have intense interest and follow it is a game than which there is no greater.

Abbe Ernest Dimmet, an eminent French writer in speaking before a group of students at Stanford University advised them to be themselves and stop imitating others; to stop wasting valuable time on the petty things of life, and to cultivate orderly and progressive thought habits. Dimmet further stated that the newspaper should be read carefully and intelligently as a source of history from which much can be gained.

Winner of Shot Put at Recent Boston Y Meet



BROR GRONDAL '31

By the action of the Dean, the "Duke", monthly publication of Duquesne University, is removed from the supervising hands of the College Council and placed in the hands of a faculty committee of four. The faculty committee will submit three names to the student senate and the editor will be chosen from among them. The nominating power has been removed from the Senate.

S. A. E. TO HEAR TALK ON 16 CYLINDER CAR

Adam K. Stricker '29 to Speak Friday on New Cadillac

Adam K. Stricker '29, a member of the engineering staff of the Cadillac Motor Car Company, will speak to the Society of Automotive Engineers on the "V-16 Cadillac" in a meeting that will be held Friday at 3 o'clock in Room 3-270.

In his talk, Stricker will give a description of the mechanical details of the new motor that has been the sensation of this year's automobile shows. An article describing the V-16 was written by Stricker for the last issue of the T. E. N. which appeared early this month.

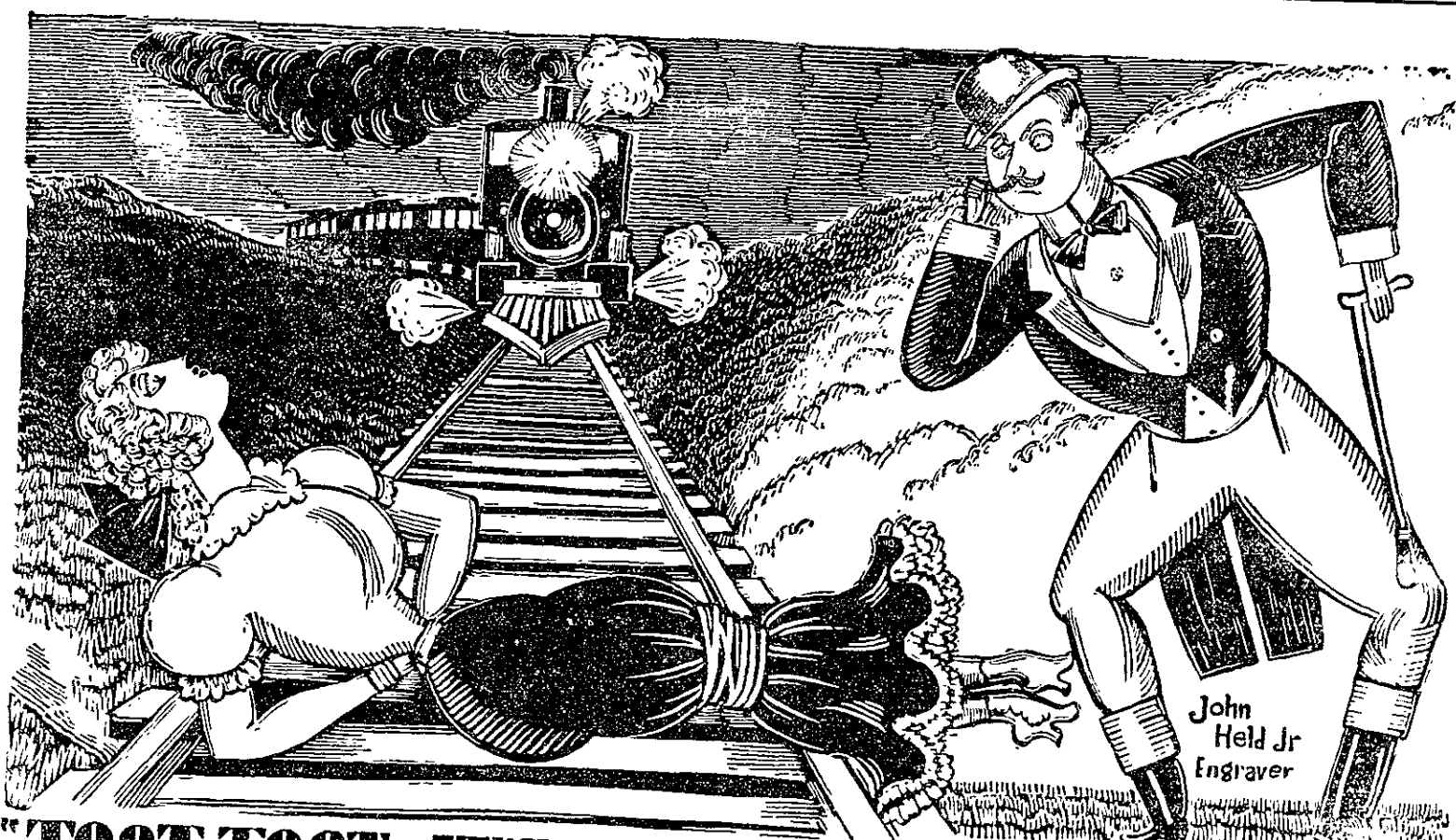
This car is the first one of sixteen cylinders to be put into regular production. The car embodies many new features both in design and operation. While the sixteen cylinder car is appearing for the first time this year, it has been in the process of development for several years in the laboratories of the Cadillac Company, and has been thoroughly tested and proved before being put into quantity production.

Walton Lunch Co.

420 Tremont Street
629 Washington Street
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1083 Washington Street
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TUXEDOS/FULL DRESS/CUTAWAYS/SHIRTS/ETC.



"TOOT! TOOT! IT'S THE EXPRESS. WILL YOU YIELD OR BE GROUND BENEATH THE WHEELS?" ROARED INGLESBY

"Never!" cried Our Nell, bound to the rails, her eyes blazing with defiance. "Death is preferable to a life with such as you."

"How do you make that out?" he purred.

"A rasping voice such as yours would make life a living hell," she answered him. "Unbind me, change to OLD GOLDS and maybe I'll listen to reason."



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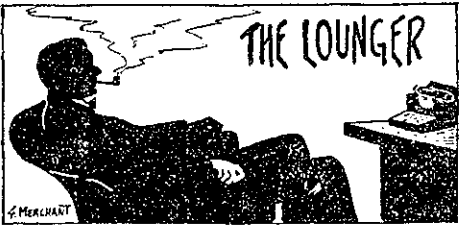
CALENDAR

Wednesday, January 22
7:00—Tech Show Rehearsal, Walker Gym
Thursday, January 23
7:30—Meeting of Tech Show Cast, West Lounge, Walker Memorial.
Monday, January 27
6:30—Alumni Council Meeting, Faculty Dining Room.
Wednesday, January 29
8-11—Tech Show Rehearsal, Walker Gym.
Thursday, January 30
8-11—Tech Show Rehearsal, Walker Gym.

UNDERGRADUATE

MID-YEAR OUTING
The T. C. A. executive council announces that the mid-year outing will be held. Thirteen men have to date signed up, and the total will be limited to eighteen. Candidates for the remaining places are asked to sign up in the T. C. A. office.
SENIOR PHOTOS
The proofs of all Senior pictures for 1930 Technique must be returned during this week. Any member of the class who has not had his picture taken may have it done this week. For appointment, get in touch with the Institute Photographic Service, Room 4-304.

INFIRMARY LIST
In Homberg Infirmary
Miss R. Dobbins
Mrs. C. Edwardson
Charles B. P. Hodge '31
Julian J. Klein '33
Ricardo E. Serrano '33
Lambert G. Snow '33
In Homeopathic Hospital
John K. Campbell '32
FOUND IN ARMORY
The caretaker of the Armory has found a grey overcoat, made in Lancaster, Pennsylvania, which was left here by some freshman at drill recently.



(Continued from page 1)
ing water. Wearied of shifting valves and recording gross and tare in the solitudes of the basement, a well-meaning Senior with an inventive turn of mind shut off both discharge valves with the firm intention of weighing the janitor's mops, wet and dry, after the experiment was ended. A practical difficulty (in all fairness to the said Senior, he was unaware of it) lay in the shortage of mops: most of the overflow was left to evaporate overnight.

Prof. Hudson, again. Says he, "No man deserves to graduate from the Institute unless he can answer correctly every question ever asked him." Let Hudson correct the Lounger's final—"I don't know" is correct as hell, Madam, and it doesn't take three hours to say so.

Good old Eames, he of the scrawny beard—none other, popped a nifty at those poor Course Six creatures. After cornering and disarming them, under pretext of an English Lab final, he quizzed them at length upon Hydraulic Rams, their properties, propensities and propagation. Leave it to Eames, these boys haven't had the experiment on the aforesaid rams; Eames must have been wool-gathering.

A horse fell down on the 'Stute driveway yesterday; Course X students had difficulty in restraining Robbie Robinson from launching forth into the glue business. Anent "stinks," the Lounger has more to say about these Chem Engineers. The Seniors responsible for devastating the atmosphere of Building Two these many months past have now reached the rosy status of big promoters—annual profits on their projected stink factor—

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ies run from 150 to 300% of investment. The Lounger ponders, have these youthful prodigies earned the title of Big Stink Men from Cambridge?

Printing circles are agog with news of receipt of an order by one of their number for 500 copies each of Votes 6, 19 and 14. It is quoted on good authority that this is an increase of 14% over last year's sales; that the trend has been definitely established as upward; that demand far exceeds supply. There is some talk around Merrill's office of enlarging the clerical force to handle this increased volume—approximately 82% of the Faculty and instructing staff are to receive bonuses in recognition of their work in furthering the cause.

Intercollegiates
Co-eds at Ohio Wesleyan University have been ordered by the dean of women to quit smoking cigarettes in public eating houses and other places where the public may gaze on them.

Six hundred women out of a thousand were declared ineligible for rushing at the University of Minnesota as a result of poor grades at the end of the fall quarter. This has caused much feeling against the deferred rushing system instituted there this year.

Sororities, according to official ratings top the fraternities, as evinced by the figures of two weeks ago. Co-eds have nearly equalled their scholastic ratings by the extent of their outside work.

Student dances and other social affairs at the University of Arizona have been cancelled because of a threatened epidemic of mumps which has invaded that campus. Four students are seriously ill with the disease in Tucson hospitals and many others are confined to the university infirmary. The outbreak is thought to have originated in the Phi Delta Theta house.

As soon as plans have been worked out, the University of Chicago is to receive 2,000,000 dollars from John D. Rockefeller, Jr., for an "International House" which will provide dormitories and club house facilities for 500 foreign students attending the university.

Lehigh rooters claim to hold the record for the fastest touchdown ever made. The touchdown was made in the Lehigh-Navy game of 1896. Don Fugitt, left tackle for Lehigh, kicked off to Richardson, Navy fullback, who caught the ball on his own five-yard line. Jack Gass, Lehigh quarterback, reached Richardson just as the ball struck him on the chest and rebounded. Gass caught the ball at full speed and went over for a touchdown. From kick-off to goal line was then 55 yards, and Gass was considered a fast sprinter. The estimated time of the touchdown is seven seconds.

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T. C. A. Makes Final Arrangements For Midwinter Outing

Professor Morris to Take Trip To White Mountains With Undergraduates

Announcement was made yesterday at the T. C. A. office at the last meeting of the Association's executive board that it was definitely decided to hold the proposed mid-winter outing. This decision was made in view of the fact that 7 men had already signed up at that time. Since then 6 more men have applied for reservations thus bringing the total up to 13. Only 18 men can be accommodated and therefore the number of vacancies is now down to five. Wallace M. Ross, General Secretary of the T. C. A. held the opinion yesterday

As We Like It
"THE FORTUNE TELLER"
THE MAJESTIC

Third in the cycle of Victor Herbert revivals is the "Fortune Teller" which opened Monday night at the Majestic. This comic opera is not as well known to many as the two which have preceded it but it is identified with the "Gypsy Love Song," even today a favorite number.

Eleanor Painter is featured and rightly so for she fills the exacting conditions of her prima donna role delightfully and more than that is ever entrancing in the three roles which the plot of the opera requires of her. First as Irma, the Ballet dancer, desired of an impoverished count because of her fortune and sweetheart of Lanislas an officer, then as her twin brother a deserter and again as Musette the gypsy fortune teller whom the count takes for Irma. She flits from role to role with so much grace that in spite of the rather inane proceedings that attend the development of the plot her infectious vivacity never ceases to entertain.

A chorus that is modestly adequate and might be characterized as one picked with an eye to the vocal qualities conforms to the standards set by the previous productions. Sara Bair as the torrid Mlle. Pompon did some rather pleasing singing with Eric Titus in "In the Play." Philip Conners as Sandor the gypsy lover cuts a splendid figure and has an excellent basso but the applause which the "Gypsy Love Song" elicited must be attributed in great part to the popularity of the number.

As We See the Movies
LOEW'S STATE

Norma Shearer's latest picture, "Their Own Desires", now playing at the State, is one which is good in spots. Norma does some remarkable acting in the more serious parts of the story, but when it comes to acting the familiar flapper, her art is rather forced.

The story is that of an author in his prime, and rather tired of his good, but dowdy wife, meets someone that is a bit too much for him. Norma has been a real pal to her dad, and even though her mother is no shining light, she can't see his deserting her. Nevertheless he does, and loses his girl. Then she meets the son of the sophisticated lady who has attached herself to Norma's father. Naturally, she falls in love with him, with the result that there was a mess caused that it took the remainder of the story to straighten out. Some of it is rather good, but Norma's mother makes a poor showing at acting the grief-stricken mother who is about to lose her daughter.

In general, the acting really was as good as the circumstances would permit, the principal cause of the show's not being a first rate picture was that it suffered from poor directing. The supporting cast was excellent, with Lewis Stone as the father and Robert Montgomery as the leading man. Stone was really good, but Montgomery suffered the handicap of having to play the part of a Princeton man.

Eugene Denis, highly proclaimed as the only living perfect psychic provided some interesting moments by answering weird personal questions that were popped at her from the audience. Some of her answers appeared to be earnest, whether or not the questioners were "planted", but when a middle-aged man asked her what his name was, she retorted that he ought to know by this time.

Harry Langdon furnished another addition to the program, in a crazy comedy entitled, "The Head Guy". Imagine him trying to take care of a railroad station while the chief goes to look at newly acquired twins.

that within less than a week these vacancies would be filled. Professor Frederick K. Morris of the Department of Geology, is among those who are making the trip this year. Professor Morris was geologist of the Third and Fourth Asiatic Expeditions of the American Museum of Natural history. During the nearly eight years which he spent in Mongolia he has lived through many interesting experiences about which he will tell during the trip.

The total cost of the outing, not counting incidentals, which depend entirely upon the tastes and means of the individual, does not run higher than \$20. This includes transporta-

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tion to and from Jaffrey, N. H., and board and lodging for three days, as well as transportation from the station to the Ark and back. The party will leave on Saturday, February 1 and return Tuesday night February 4. Announcements of the trip have been sent to all the Fraternity houses and have also been posted on the dormitory bulletin boards.

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